[Fresh egg incubated 5 hr.] EMC-21Q

Eggs fixed while still warm

PROCEDURE MODIFIED FROM 29 III 73

Fixation: 8% Glut. in 0.1M collidine buffer applied to rings with eggs warm, then eggs put into refrigerator @ 6C

Eggs left @6C for 1/2hr. then ring cut from egg and blastoderm put into fresh fixative after excess yoke wiped from around the blastoderm.

Egg blastoderm left @6C for 5hr.

Wash in 0.1M collidine buffer overnite @6C

Postfix in 2% Osmium in dist. H_2O for 6hr. @6C

Rinse in H_2O @ room temperature for 1/2hr.

Dehydration in Alcohol series:

10% - 5min.
30% - 10min.
50% - 10min.
70% - overnite in refrig.
95% - 20min.
100% - 20 min.(2changes)
Propylene Oxide - 30 min. (2changes)

EMC -21R - Procedure as 21Q -

3 week stored eggs

EMC-21S Procedure as 21Q
3 week stored eggs, incubated 5 hours after 2 hours warm up.

EMC-21T -Procedure as 21Q - 10 week stored eggs

EMC-21U - 4 week stored eggs with 2 hrs. warm up and 5 hrs. incubation

Eggs were cooled to room temperature for 1 hour after incubation before fixation.

EMC-21U(1) - Large blastoderm,not too dense - looks like fresh egg

EMC-21U(2) - Smaller blastoderm but more dense-evenly dense

EMC-21U(3) - About like T(2) in size,but irregular in shape and density.

Procedure as 21Q - modified

After removing excess yoke from around blastoderm with k-wipe, the fixation was continued for 1/2 hr. more ,then fixative removed and blastoderm washed overnite in buffer.